

**Announcement of Opportunity for Astrophysics Medium Explorer Mission****Solicitation Number: NNH16ZDA0100**

Agency: National Aeronautics and Space Administration

Office: Headquarters

Location: HQ Code 210.H

**Notice Type:**

Combined Synopsis/Solicitation

**Posted Date:**

September 15, 2016

**Response Date:**

Dec 15, 2016 5:00 pm Eastern

**Archiving Policy:**

Manual Archive

**Archive Date:**

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**Original Set Aside:**

N/A

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**Classification Code:**

A -- Research &amp; Development

**NAICS Code:**

541 -- Professional, Scientific, and Technical Services/541712 -- Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)

**Synopsis:**

Added: Sep 15, 2016 2:09 pm

The National Aeronautics and Space Administration (NASA) Science Mission Directorate (SMD) is releasing an Astrophysics Explorer 2016 Medium Explorer Announcement of Opportunity (NNH16ZDA0100). The Astrophysics Explorers Program conducts Principal Investigator (PI)-led space science investigations relevant to SMD's astrophysics programs. Astrophysics Explorers investigations must address NASA's strategic objective to discover how the universe works, explore how it began and evolved, and search for life on planets around other stars. This solicitation will be open from September 15, 2016, through December 15, 2016. Upon the release date, the full text of the AO and all appendices will be available electronically at <http://nspires.nasaprs.com/>. A preproposal conference will be held in early October; see <http://explorers.larc.nasa.gov/APMIDEX2016/MIDEX> for details.

NASA will release simultaneously a solicitation for an Astrophysics Explorer 2016 Mission of Opportunity (MO) through the NASA Second Stand Alone Missions of Opportunity Notice (SALMON-2) Announcement of Opportunity (NNH12ZDA006O) and a solicitation for Astrophysics Explorer U.S. Participating Investigators (APEX USPI) through the Research Opportunities in Space and Earth Sciences 2016 (ROSES-16) NASA Research Announcement (NNH16ZDA001N).

Participation is open to all categories of organizations or institutions, U.S. or non-U.S., including educational, industrial, and not-for-profit institutions, Federally Funded Research and Development Centers (FFRDCs), University Affiliated Research Centers (UARCs), NASA Centers, the Jet Propulsion Laboratory (JPL), and other Government agencies.

NASA expects to select one Astrophysics Medium Explorer mission to proceed into Phase B and subsequent mission phases.

This AO incorporates a number of changes relative to the previous Explorers Program AO and to the Draft 2016 Medium Explorer AO. All proposers must read this AO carefully, and all proposals must comply with the requirements, constraints, and guidelines contained within the AO.

Comments and questions may be addressed in writing or by E-mail to: Dr. Wilton T. Sanders, Astrophysics Explorers Program Scientist, Astrophysics Division, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; E-mail: [wilton.t.sanders@nasa.gov](mailto:wilton.t.sanders@nasa.gov) (subject line to read "Explorer MINDEX AO"); Phone: 202-358-1319; FAX: 202-358-3062. Responses to all inquiries will be answered by E-mail and also posted to the Questions and Answers (Q&A) location of the 2016 Astrophysics Explorers Program Acquisition website at <http://explorers.larc.nasa.gov/APMINDEX2016/MINDEX>; anonymity of persons and institutions who submit questions will be preserved.

This notice constitutes a NASA Research Announcement as contemplated in FAR 6.102(d)(2).

**Contracting Office Address:**

NASA/Goddard Space Flight Center, NASA Headquarters Acquisition Branch, Code 210.H  
Greenbelt, Maryland 20771  
United States

**Primary Point of Contact.:**

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**Opportunity History**

■ **Original Synopsis**

Sep 15, 2016

2:09 pm



## Astrophysics Explorers Mission of Opportunity Solicitation as SALMON-2 AO Amendment

**Solicitation Number:** NNH12ZDA006O-APEXMO3

Agency: National Aeronautics and Space Administration

Office: Headquarters

Location: HQ Code 210.H

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**Synopsis:**

Added: Sep 15, 2016 11:33 am

On or about September 16, 2016, the National Aeronautics and Space Administration (NASA) Science Mission Directorate (SMD) is releasing an Astrophysics Explorers 2016 Mission of Opportunity (MO) Program Element Appendix (PEA) (NNH12ZDA006O-APEXMO3) as Amendment 15 to the NASA Second Stand Alone Missions of Opportunity Notice (SALMON-2) Announcement of Opportunity (NNH12ZDA006O). The Astrophysics Explorers Program conducts Principal Investigator (PI)-led space science investigations relevant to SMD's astrophysics programs. Astrophysics Explorers investigations must address NASA's strategic objective to discover how the universe works, explore how it began and evolved, and search for life on planets around other stars.

This solicitation will be open from September 16, 2016, through December 15, 2016. Upon the release date, the full text of the PEA will be available electronically at <http://nspires.nasaprs.com/>. A preproposal conference will be held in early October; see <http://explorers.larc.nasa.gov/APMIDEX2016/MO> for details.

NASA will release simultaneously the Astrophysics Explorer 2016 Medium Explorer Announcement of Opportunity (NNH16ZDA010O) and a solicitation for Astrophysics Explorers U.S. Participating Investigators (APEX USPI) through the Research Opportunities in Space and Earth Sciences 2016 (ROSES-16) NASA Research Announcement (NNH16ZDA001N).

Participation is open to all categories of organizations or institutions, U.S. or non-U.S., including educational, industrial, and not-for-profit institutions, Federally Funded Research and Development Centers (FFRDCs), University Affiliated Research Centers (UARCs), NASA Centers, the Jet Propulsion Laboratory (JPL), and other

Government agencies.

NASA expects to select one or two Astrophysics Explorers Missions of Opportunity to proceed into Phase B and subsequent mission phases. If multiple selectable missions are proposed with combined costs within the available funding, NASA may select more than one proposed investigation.

This PEA incorporates a number of changes relative to the previous Explorers Mission of Opportunity SALMON-2 PEA and to the Draft 2016 Astrophysics Explorers Mission of Opportunity PEA. All proposers must read the SALMON-2 AO and this PEA carefully, and all proposals must comply with the requirements, constraints, and guidelines contained within the SALMON-2 AO and this PEA.

Comments and questions may be addressed in writing or by E-mail to: Dr. Wilton T. Sanders, Astrophysics Explorers Program Scientist, Astrophysics Division, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; E-mail: [wilton.t.sanders@nasa.gov](mailto:wilton.t.sanders@nasa.gov) (subject line to read "Explorer MO PEA"); Phone: 202-358-1319; FAX: 202-358-3062. Responses to all inquiries will be answered by E-mail and also posted to the Questions and Answers (Q&A) location of the 2016 Astrophysics Explorers Program Acquisition website at <http://explorers.larc.nasa.gov/APMIDEX2016/MO>; anonymity of persons/institutions who submit questions will be preserved.

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